Ideas for Innovation - Apps

VIRTUAL STUDENT FOREIGN SERVICE

VSFS

Project Title	Ideas for Innovation - Apps
Project Summary	Examine the QuickStats tool on the public www.nass.usda.gov website and design an application for a smartphone or tablet. Download a sample dataset and use the tools you have available that make apps easy to design and fun to use.
Country	United States
Agency	Agriculture Department
DoS Office	N/A
Post	N/A
Section	N/A
Number of Interns	2

Project Description

Take a fresh look at a large dataset and recommend a way to modernize data use. Download a sample dataset for a commodity and plug it into an app generator, keeping the future needs of agriculture in mind. Explain why you select a particular commodity, the future need you foresee, and the tool you recommend for smartphone app generation.

Combine your insights into agriculture and modern technology to model a potential use of the data found in the public QuickStats database. Think analytically and creatively to look into the future of ag and bring your unique idea for an app. Model it and make recommendations for new uses of data currently held in the public repository. Your work will be used as part of a research portfolio to guide future outreach, increase survey participation, and inform the public.

Desired Skills Interests

Additional Information

The USDA's National Agricultural Statistics Service (NASS) conducts hundreds of surveys every year and prepares reports covering virtually every aspect of U.S. agriculture. Production and supplies of food and fiber, prices paid and received by farmers, farm labor and wages, farm finances, chemical use, and changes in the demographics of U.S. producers are only a few examples.

NASS is committed to providing timely, accurate, and useful statistics in service to U.S. agriculture. Applicants are encouraged to address their interest and experience in data analytics and agriculture.

Language Requirements

None